

two diverging planes where said branches connect to said base and the intersection of  
said two planes is within the base of the U-shape, and  
*#1*  
wherein one of said first and second branches and the base are coplanar, and  
where the first and second branches are formed integrally with said base.

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3. (Three Times Amended) A connector according to claim 1, characterized in that  
*#2*  
electrical contact of at least one of said first and second branches is made at the free end  
of said branch.

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5. (Six Times Amended) An electrical connector, comprising:  
a first face,  
a second face opposite said first face, and  
at least one housing for receiving a spring contact and opening onto both of said  
first and second faces,

*#3*  
wherein said spring contact is substantially U-shaped and has first and second  
branches and a base joining said first and second branches at one end for forming said U-  
shape, each of said first and second branches complete an electrical circuit with a device,  
characterized in that said first and second branches lie in two diverging planes and the  
intersection of said two planes is within the base of the U-shape, and one of said first and  
second branches and the base are coplanar; and

wherein the spring contact is positioned in the housing so that the plane  
containing the base of the U-shape is substantially parallel to respective planes of the  
faces of the connector.

*H3*

9. (Four Times Amended) An electrical connector, comprising:  
a first face;  
a second face opposite said first face; and  
a plurality of housings opening onto at least one of said first and second faces and  
each housing receiving a respective spring contact which is substantially U-shaped and  
*H4*  
has first and second branches and a base joining said first and second branches at one end  
for forming said U-shape, wherein each of said first and second branches complete an  
electrical circuit with a device, characterized in that said first and second branches lie in  
two diverging planes and the intersection of said two planes is within the base of the U-  
shape, and one of said first and second branches and the base are coplanar, further  
characterized in that the spring contacts in two adjacent housings are positioned so that  
they are substantially parallel but the opposite way round to each other, one of said first  
and second branches of one contact being adjacent the other of said first and second  
branches of the adjacent contact.

*H5*

12. (Amended) An electrical connector, comprising:  
a first face;

*15*

a second face opposite said first face; and  
a plurality of housings opening onto at least one of said first and second faces and  
each housing receiving a respective spring contact which is substantially U-shaped and  
has first and second branches and a base joining said first and second branches at one end  
for forming said U-shape, each of said first and second branches complete an electrical  
circuit with a device, characterized in that said first and second branches lie in two  
diverging planes and the intersection of said two planes is within the base of the U-shape,  
and one of said first and second branches and the base are coplanar, wherein electrical  
contact of at least one of said first and second branches is made at the free end of said  
branch, further characterized in that the spring contacts in two adjacent housings are  
positioned so that they are substantially parallel but the opposite way round to each other,  
one of said first and second branches of one contact being adjacent the other of said first  
and second branches of the adjacent contact.

13. (Amended) An electrical connector, comprising:  
a first face;  
a second face opposite said first face; and  
a plurality of housings opening onto at least one of said first and second faces and  
each housing receiving a respective spring contact which is substantially U-shaped and  
has first and second branches and a base joining said first and second branches at one end  
for forming said U-shape, each of said first and second branches complete an electrical

15

circuit with a device, characterized in that said first and second branches lie in two diverging planes and the intersection of said two planes is within the base of the U-shape, and one of said first and second branches and the base are coplanar, wherein one of said first and second branches is adapted to come in contact with a first electrical device and the other of said first and second branches is adapted to come into contact with a second electrical device, further characterized in that the spring contacts in two adjacent housings are positioned so that they are substantially parallel but the opposite way round to each other, one of said first and second branches of one contact being adjacent the other of said first and second branches of the adjacent contact.

14. (Amended) A connector, comprising:

a spring contact, wherein said spring contact is substantially U-shaped and has first and second branches and a base joining said first and second branches at one end for forming said U-shape, and wherein said first branch completes an electrical circuit with a first device and said second branch completes an electrical circuit with a second device, characterized in that said first and second branches lie in two diverging planes and the intersection of said two planes is within the base of the U-shape, and wherein one of said first and second branches and the base are coplanar.

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15. (Amended) A connector according to claim 14, characterized in that electrical contact of at least one of said first and second branches is made at the free end of said branch.

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